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COLAZE 12L Compressor Dehumidifier

COLAZE 12L Compressor Dehumidifier User Manual

Model: 12L Compressor Dehumidifier

1. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before using the dehumidifier and retain this manual for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the unit to a grounded power outlet.
- Do not operate the dehumidifier with a damaged power cord or plug.
- Do not block the air inlet or outlet. Maintain at least 20 cm (8 inches) clearance around the unit.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Keep the unit away from heat sources and direct sunlight.
- Do not use the dehumidifier in areas where flammable gases or liquids are stored.
- Always turn off and unplug the unit before cleaning or performing any maintenance.
- If the unit is knocked over, turn it off immediately and unplug it. Allow it to stand upright for at least 6 hours before restarting.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

2. PRODUCT OVERVIEW

The COLAZE 12L Compressor Dehumidifier is designed to efficiently remove excess moisture from indoor environments, improving air quality and preventing mold growth. It features a compact design, quiet operation, and multiple drainage options.

Key Features:

- **High Efficiency:** Removes up to 12 liters of moisture per day (at 86°F, 80% RH).
- **Quiet Operation:** Noise level below 42 dB, suitable for bedrooms and living spaces.
- **Automatic Defrost:** Activates automatically when temperatures drop below 32°F (0°C).

- **Overflow Protection:** Automatically shuts off when the water tank is full, with an audible alert.
- **24-Hour Timer:** Allows for scheduled operation.
- **Two Drainage Methods:** Manual tank emptying or continuous drainage via hose.
- **Compact and Portable:** Features a carry handle for easy relocation.

High Efficiency Dehumidifier

Humidity (135 Sq.Ft)

Time	Humidity
Start	80%
1 hour later	70%
2 hour later	60%
3 hour later	50%
4 hour later	30%

Hohe Effizienz

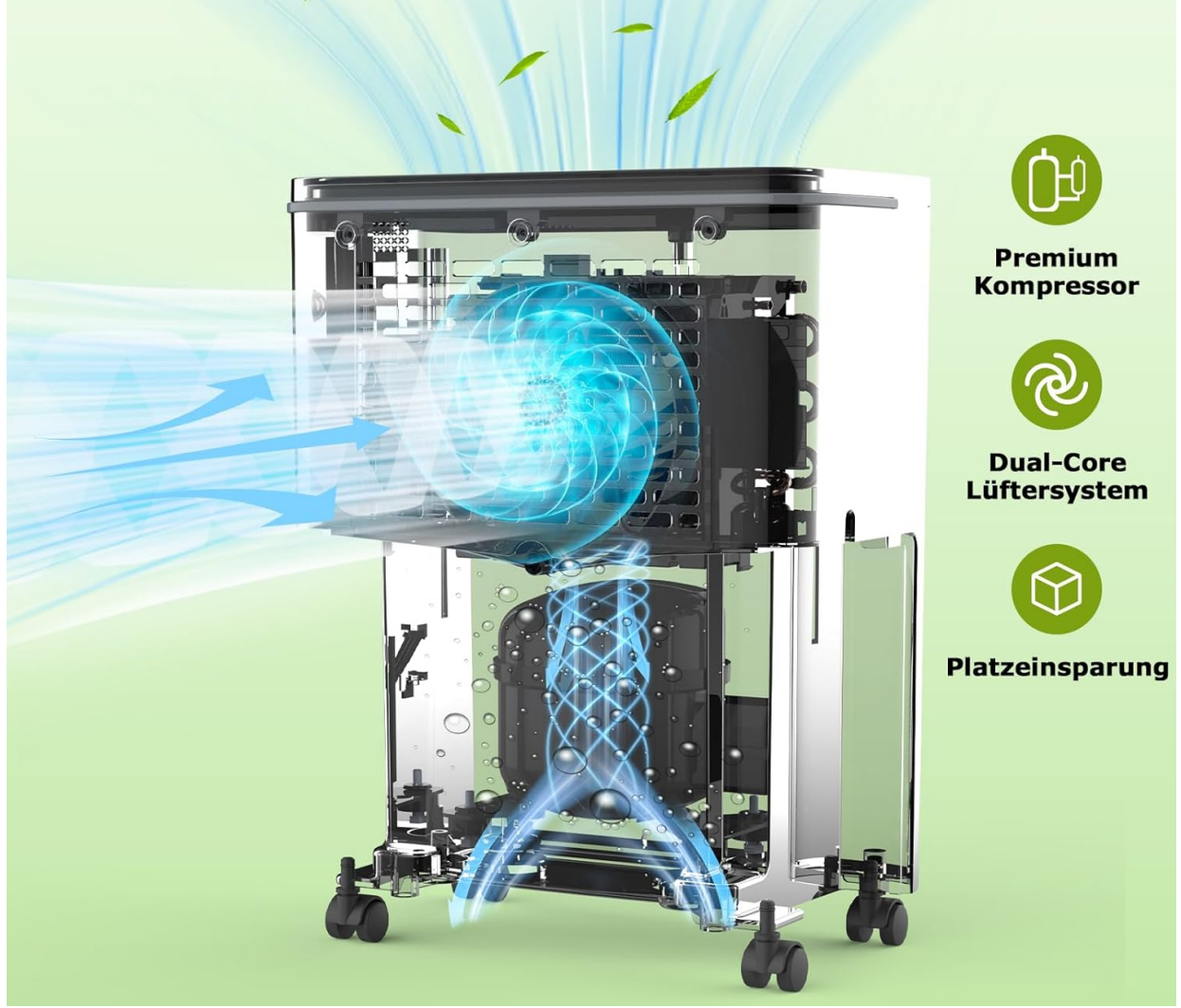
UP TO **120 m²**

×19
12L of Moisture per day

Image: The dehumidifier's high efficiency in reducing humidity and its capacity to remove 12 liters of moisture daily.

Kompakt entwickelt, leistungsstark ausgeführt

Innovativer Kompressor - Leistung ohne Kompromisse



**Premium
Kompressor**



**Dual-Core
Lüftersystem**



Platzeinsparung

Image: Internal view of the COLAZE Dehumidifier, illustrating the compressor and fan system for efficient operation.

3. CONTROL PANEL

The control panel features an LED display and touch-sensitive buttons for easy operation.

Smart Control Panel

Intelligentes Bedienfeld

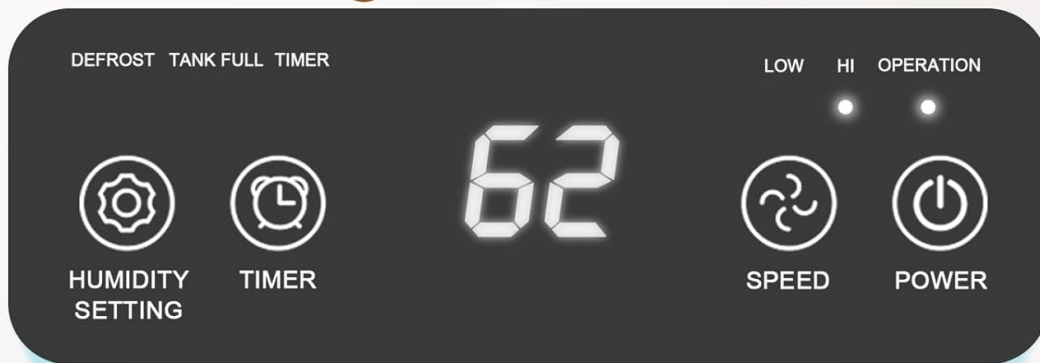


Image: Detailed view of the smart control panel, showing the digital display and various function buttons.

Button Functions:

- **Humidity Setting:** Adjusts the desired humidity level.
- **Timer:** Sets the 24-hour timer for automatic on/off.
- **Speed:** Controls the fan speed (Low/High).
- **Power:** Turns the unit on or off.

Indicator Lights:

- **DEFROST:** Illuminates when the unit is in defrost mode.
- **TANK FULL:** Illuminates and beeps when the water tank is full.
- **TIMER:** Illuminates when the timer function is active.
- **LOW/HI OPERATION:** Indicates the current fan speed.

4. SETUP

4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials and ensure no components are missing or damaged.

4.2 Placement

- Place the dehumidifier on a flat, stable surface.
- Ensure there is at least 20 cm (8 inches) of clear space around the air inlet and outlet for proper airflow.
- Avoid placing the unit near heat sources or in direct sunlight.
- The unit is suitable for rooms up to 20 m² (215 sq ft), such as bathrooms, small cellars, bedrooms, cupboards, laundry rooms, and kitchen storage areas.

4.3 Drainage Options

Your dehumidifier offers two methods for water drainage:

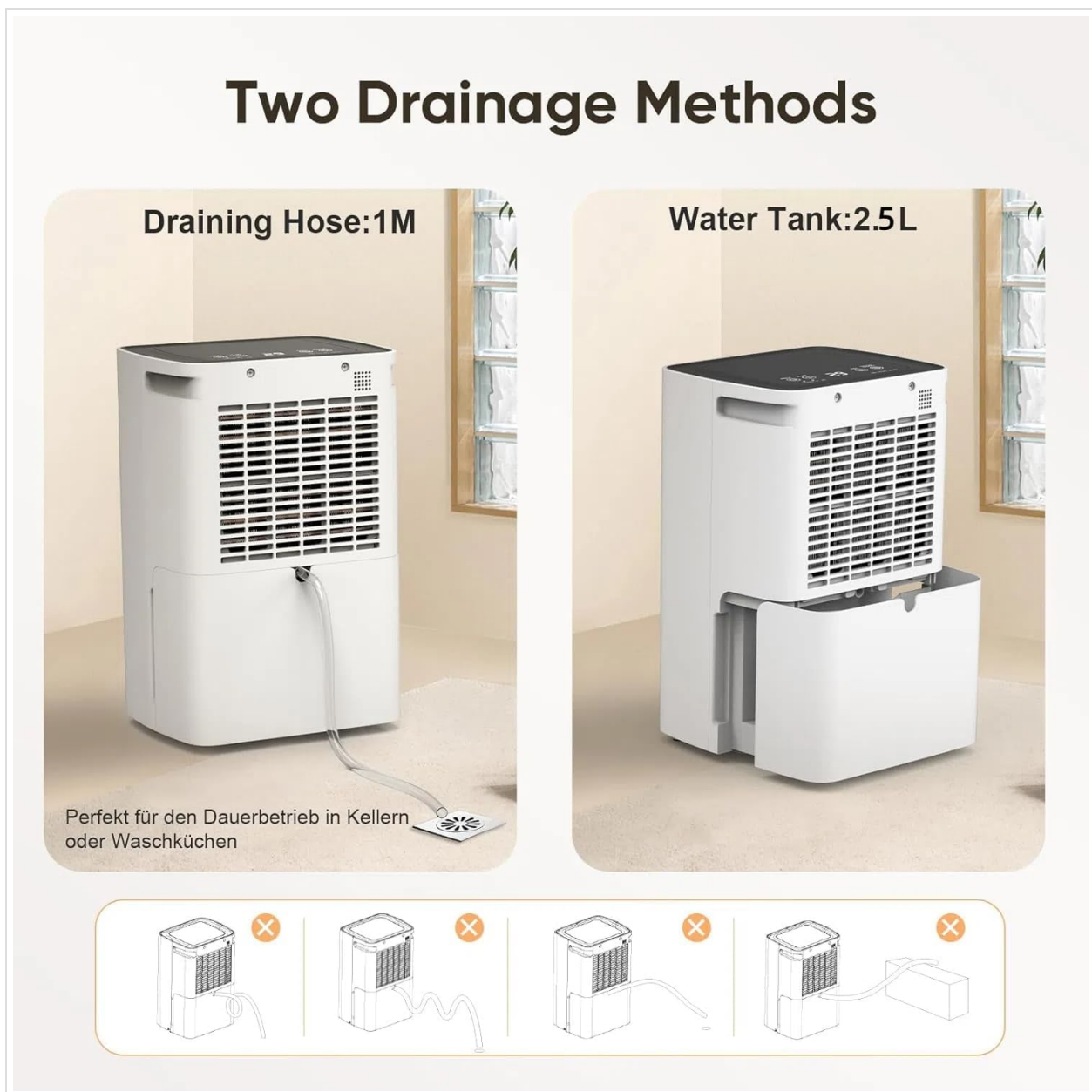


Image: Illustration of the two drainage methods: manual water tank emptying and continuous drainage using the provided hose.

4.3.1 Manual Emptying (Water Tank)

- When the 2.5 L water tank is full, the "TANK FULL" indicator light will illuminate, the unit will beep, and operation will stop.

- Carefully pull out the water tank from the front of the unit.
- Empty the collected water.
- Slide the empty water tank back into the unit until it clicks into place. The unit will resume operation.

4.3.2 Continuous Drainage (Drain Hose)

- For continuous operation without needing to empty the water tank, attach the provided drain hose.
- Locate the continuous drainage outlet on the back of the unit.
- Remove the rubber stopper (if present).
- Connect one end of the drain hose to the outlet.
- Route the other end of the hose to a suitable drain, such as a floor drain or a large container. Ensure the hose is sloped downwards to allow water to flow freely by gravity.
- Do not allow the hose to be kinked or blocked.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Plug the power cord into a grounded electrical outlet.
- Press the **Power** button to turn the dehumidifier on or off.

5.2 Setting Desired Humidity

- Press the **Humidity Setting** button repeatedly to cycle through desired humidity levels (e.g., 40%, 50%, 60%, Continuous).
- The unit will operate until the ambient humidity reaches the set level, then it will cycle off. It will restart when humidity rises above the set level.
- Selecting "Continuous" mode will make the unit run continuously regardless of the humidity level.

5.3 Fan Speed Adjustment

- Press the **Speed** button to switch between Low and High fan speeds.
- Low speed offers quieter operation, while High speed provides faster dehumidification.

5.4 Timer Function

- Press the **Timer** button to set the desired operating duration (1-24 hours).
- The timer can be set to automatically turn the unit on or off after the specified time.
- To set an auto-off timer: With the unit running, press the Timer button and select the desired hours.
- To set an auto-on timer: With the unit off, press the Timer button and select the desired hours. The unit will turn on after the set time.



Image: The dehumidifier in a bedroom setting, demonstrating its quiet operation and 24-hour timer feature.

5.5 Automatic Defrost Function

- The dehumidifier is equipped with an automatic defrost function.
- If the ambient temperature drops below 32°F (0°C), frost may form on the evaporator coils.
- The unit will automatically enter defrost mode, indicated by the "DEFROST" light. During this time, the compressor will turn off, and the fan will continue to run to melt the frost.
- Operation will resume automatically once defrosting is complete.

Auto Defrost & Overflow Protection

Für zuverlässige Leistung bei niedrigen Temperaturen



Water Full Indicator Light



Full Water Sensor



Image: The dehumidifier's features for automatic defrost and overflow protection, including the water full indicator and sensor.

5.6 Operating Modes (Auto, Dry, Fan)



Image: The dehumidifier demonstrating its versatility across different operating modes in various home environments.

- **Auto Mode:** The unit automatically adjusts its operation based on the ambient humidity to maintain the set level.
- **Dry Mode:** Designed for continuous dehumidification, often used for drying laundry or in very damp conditions.
- **Fan Mode:** The fan operates without the compressor, circulating air without removing moisture.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier.

6.1 Cleaning the Air Filter

The air filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate the air filter (usually at the back or side of the unit).
3. Gently pull out the filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before

reinserting.

5. Alternatively, use a vacuum cleaner to remove dust and debris from the filter.
6. Reinsert the dry filter into the unit.

6.2 Cleaning the Water Tank

Clean the water tank periodically to prevent mold and mildew growth.

1. Turn off and unplug the unit.
2. Remove the water tank.
3. Wash the tank with warm water and a mild detergent. Rinse thoroughly.
4. Dry the tank completely before placing it back into the unit.

6.3 Cleaning the Exterior

- Wipe the exterior of the dehumidifier with a soft, damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these may damage the surface.

6.4 Storage

If the unit will not be used for an extended period:

1. Turn off and unplug the dehumidifier.
2. Empty and clean the water tank.
3. Clean the air filter.
4. Store the unit in an upright position in a cool, dry place, away from direct sunlight.

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power supply. Power button not pressed. Water tank full or not properly inserted.	Ensure unit is plugged into a working outlet. Press the Power button. Empty the water tank and ensure it is correctly seated.
No water collected or low dehumidification.	Ambient humidity is too low. Air filter is clogged. Temperature is too low (defrost mode). Unit size is too small for the room. Doors/windows are open.	Check the current humidity level. Unit will not collect water if humidity is below set point. Clean the air filter. Allow unit to complete defrost cycle. Dehumidification is less effective in very cold environments. Ensure room size is within recommended limits (up to 20 m ²). Close all doors and windows in the room.

Problem	Possible Cause	Solution
Unit is noisy.	Fan speed is on High. Unit is not on a level surface. Obstruction in fan.	Switch to Low fan speed. Place the unit on a flat, stable surface. Turn off and unplug, then check for any obstructions.
"TANK FULL" indicator is on, but tank is not full.	Water tank not properly inserted. Float switch malfunction.	Remove and reinsert the water tank firmly. Contact customer support if issue persists.
Water leaks from the unit.	Water tank not properly inserted. Continuous drain hose is kinked or blocked.	Ensure water tank is correctly seated. Check the drain hose for kinks or blockages and ensure it is sloped downwards.

8. SPECIFICATIONS

Specification


Handles


Washable Filter


1M Draining hose

25.65 cm

39.88 cm

20.57 cm

Image: Visual representation of the dehumidifier's dimensions and included accessories like the draining hose and washable filter.

Feature	Detail
Brand	COLAZE
Model	12L Compressor Dehumidifier
Dehumidification Capacity	12 Liters/day (at 86°F, 80% RH)
Water Tank Capacity	2.5 Liters
Recommended Room Size	Up to 20 m ² (215 sq ft)
Power/Wattage	260 watts
Noise Level	Less than 42 dB
Product Dimensions (L x W x H)	23.6 x 29.6 x 44 cm (9.3 x 11.7 x 17.3 inches)
Item Weight	7.29 kg (16.07 lbs)
Auto Shut-off	Yes (Full Tank)
Automatic Defrost	Yes
Timer	24 hours
Drainage Methods	Manual (Tank) / Continuous (Hose)
Material	Various materials

9. WARRANTY AND SUPPORT

COLAZE dehumidifiers are manufactured with high-quality materials and designed for energy efficiency and durability.

- **Warranty:** Two years warranty.
- **Support:** Free replacement and lifetime technical support are provided.

For any questions, concerns, or technical assistance, please contact COLAZE customer support.